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# ABSTRACT OF THE DISCLOSURE

There is provided a method for producing an electron source, capable of executing the deposition process within a short time and without limitation in the wave form of the applied voltage.

In producing the electron source in which plural electron emission devices are connected in a matrix by plural row wirings and plural column wirings, the row wirings of a number  $m (= a \times b \times c)$  are divided into groups  $G_1$  to  $G_a$  of a number  $a$ , and the row wirings in each group are divided into sub groups  $SG_1$  to  $SG_b$  of a number  $b$ , each containing the row wirings of a number  $c$ . The deposition process is executed by voltage application by selecting the row wirings of  $SG_1$  in succession and commonly to all the groups, and such deposition process is thereafter similarly executed on the sub groups starting from  $SG_2$ , whereby the deposition process for all the elements is executed by executing the deposition process for each sub group by  $b$  times.